

WIERZBICKI, W
AMR

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The following material was contributed to the Congress in Gdansk, Dec. 1-4, 1949 (Materiały przekazane na VI Zjazd Naukowy PZITB - Polski Związek Inżynierów i Techników Budowlanych w Gdańsku 1-4 grudnia 1949) (in Polish). Edition of the Polish Ministry of Buildings No. 37, III. Wydawnictwo Ministerstwa Budownictwa Nr. 37, 1949 III.

1116. Wierzbicki, W., The buckling of three-pinned arches, 224-238.
Work has in view an approximate calculation of the critical force in a three-pinned arch of a small center rise and in which, as it is generally known, symmetrical form of buckling takes place. As in his other works discussing two-pinned and rigid arches, author applies the finite differences calculus.
J. Maternilek, Poland

Mar '51

ASB.SLA METALLURGICAL LITERATURE CLASSIFICATION

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WIERZBICKI, W.
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Wierzbicki, W., Structural mechanics, 4th ed. (in Polish), Warsaw, Students' Publ. Co-operative, 1949, xv + 600 pp.

This very good handbook is written chiefly for students of polytechnical schools. Conforming to the curricula of these schools, it is limited to the theoretical problems and calculations of structures and does not include descriptions of the structures themselves, as is often done in English handbooks. The main object of the book is to teach, but it also contains a more comprehensive discussion of those scientific problems which were the object of the author's studies; e.g., calculation of elastic arches based on the development of the theory of the least squares; relation between the geostatic pressure and geodynamic pressure; a comprehensive discussion of buckling; the theory of polygonal bars, etc. Latest literature on the subject is given in footnotes. The plan of the work is as follows: A. Plane systems and torsion of straight bars: (a) Full systems, (b) framework systems, (c) suspension chains and carrying lines, (d) retaining walls and gravity dams. II. Space systems: (a) Full systems, (b) framework systems. There are also chapters on safe stress, strain energy, and dynamic strength. An index of structural mechanics terms in Polish, French, English, German, and Russian is appended.

K. Zurankiewicz, Poland

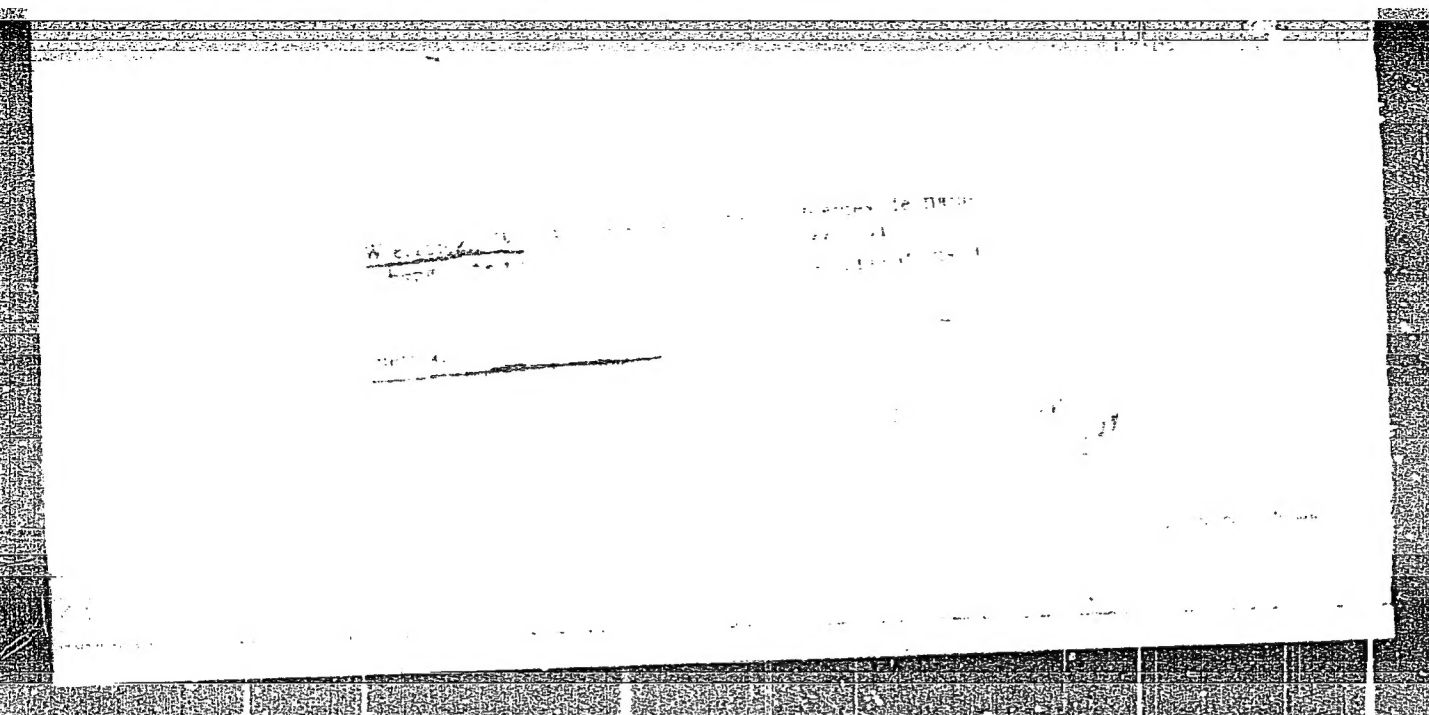
July '51

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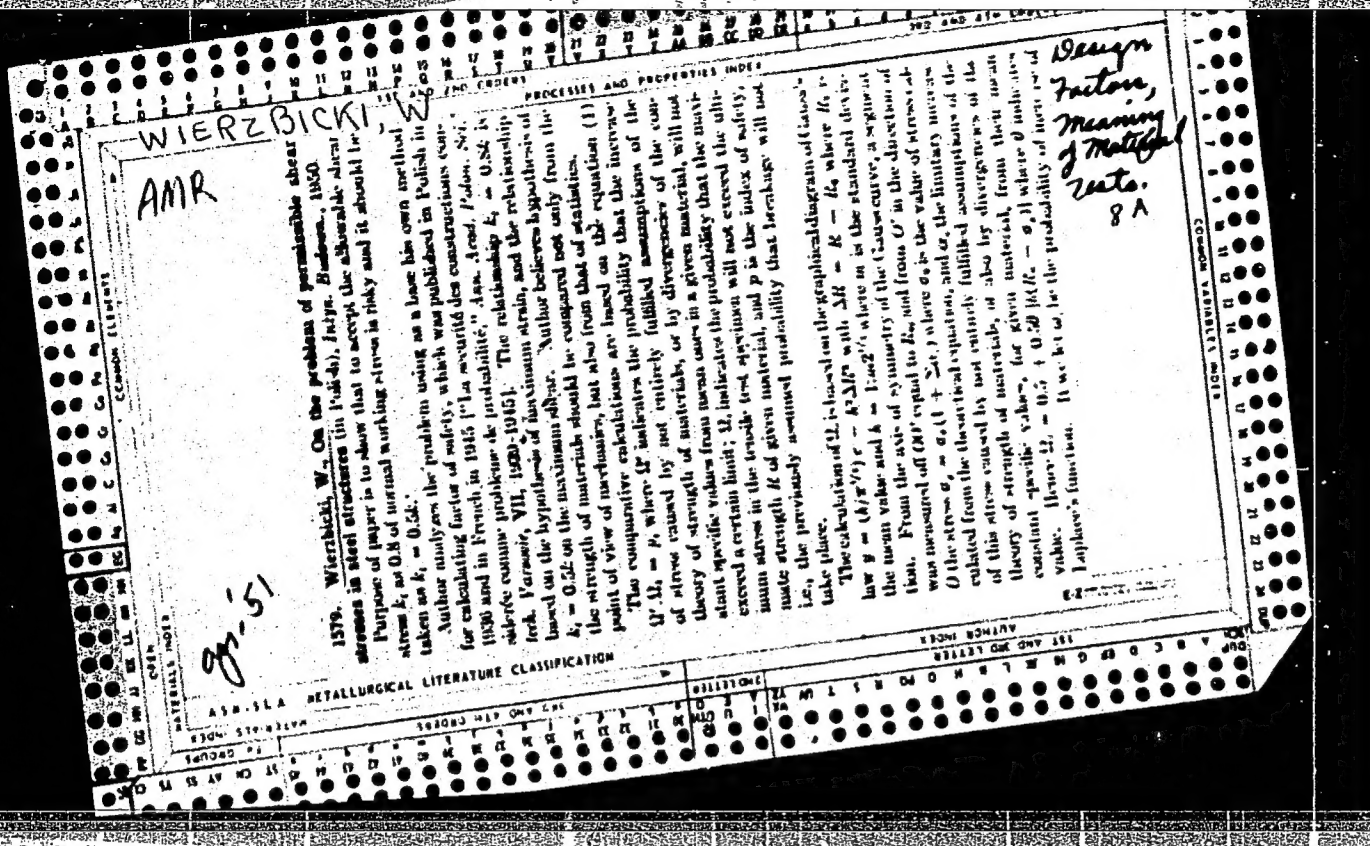
WIERZBICKI, W.

Wierzbicki W.

Wierzbicki W., Prof. Dr. "Permissible Tangential Stress in Steel Constructions."
(W sprawie dopuszczalnych naprezen stycznych w konstrukcjach stalowych). Inzynieria
i Budownictwo, No 1-2, 1950, pp. 38-44, 3 figs., 1 tab.

The necessity for basing safety factors on computations and statistics, free from the subjectiveness of the authors of building regulations. Bodies of uniform resistance; hypothesis of maximum unit elongation and of maximum stress. The value of permissible tangential stress determined as a result of applying the hypothesis of maximum unit elongations. The author proves that in the majority of materially important cases it would be dangerous to increase the permissible tangential stress beyond the values determined by the hypothesis of maximum tangential stress. The problem of permissible tangential stress is dealt with in this article, from the point of view of computation and statics, in a novel and original manner.

SO: Polish Technical Abstracts No. 2, 1951



α , then $\Sigma' = \pi\alpha$, will indicate probability that the stress will not exceed the limiting value of σ . For shear stresses we have:
 $\tau = \tau_0 (1 + 2\alpha)$. Furthermore, there were established the
 limit equations for reduced stress σ_r , as well for hypothesis
 of maximum strain as for hypothesis of maximum shear,
 taking into consideration increase of the stress in respect to
 theoretical formulas. From equation (1) there are calculated,
 for $p = 0.0020$, the stress σ_0 and τ_0 and the ratio k_1/k_2 . The
 calculations were done for the standard deviation 2%, 4%, and
 6% and it was found that for the hypothesis of the maximum
 strain $k_1 = 0.007k_2$, $k_1 = 0.007k_2$, and $k_1 = 0.008k_2$, respectively,
 while for the hypothesis of the maximum shear independently
 from α , it gave a constant value $k_1 = 0.4k_2$. Hence the con-
 clusion is that, for safety, the shear stresses should be not higher
 than $k_1 = 0.4k_2$, or that basic hypothesis should be hypothesis of
 maximum shear.

K. Zarankiewicz, Poland

WIERZBICKI, W.		PROCESSING AND PROPERTIES INDEX		37	
AMR					
<p>3000. Wierzbicki, W. The meaning of chance in the problems of strength of materials (in Polish), Jubilee book edited in honor of Prof. M. T. Huber, Gdansk-Politechnika, 135-452, 1950.</p> <p>Because of many unknown factors, chance affects each result in a strength-of-material test, and hence, calculations for strength contain inevitable errors. In contrast to the subjective manner in which designers have handled the element of chance in strength-of-material problems, author introduces his method of objective determination of safety factors, based on the calculus of probability and on mathematical statistics. To describe numerically the gradient of safety, such as to insure a given structure, author bases his theory on a value p which expresses the probability that the structure will not fail (index of safety). The value p should be determined from statistics on failures of similar structures or by comparison with the probability of such events as fires, floods, etc.</p>					
<p>Author determines the factor of safety n based on the index of safety p from the equation $\Omega_1 \cdot \Omega_2 \cdot \Omega_3 = p$, which is valid for cases of large probabilities, where Ω_1 is the probability that the hypothesis, on which the calculation is based, is true; Ω_2 is the probability that dimensions and loads assumed in calculations are not be exceeded. The probabilities $\Omega_1, \Omega_2, \Omega_3$ here regarded as real probabilities, are determined by means of Gauss' curve or from tables of Laplace's function. Author gives some examples of determining the values n and p and also shows the advantages of using this method to determine the allowable working stress in steel structures [see AMR 4, Rev. 1579], and also for calculating the cable in suspension bridges [see Publ. int. Assoc. Bridge Struct. Engng., 1949].</p>					
<p>K. Zarankiewicz, Poland Bridge Struct. Engng., 1949].</p>					
<p>04. '51</p>					
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>					
<p>33001 (10-01100)</p>					
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POL. 4

2353. Wierzbicki, W.; Methods of determining the index
of safety, *Bull. Acad. Polonaise Sci.* 2, 2, 99-104, 1954.

WIERZBICKI, W.

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550.4:624.071.3

Wierzbicki W. On the Origin of Buckling in Straight Rods.
"O powstawaniu wyboczenia prętów prostych". Rozprawy Inżynier-
skie (PAN), Warszawa, 1934, 79/N, 160, 63 pp., 70 figs.

By means of a study of the problems of buckling (distortion) on the basis of observations and direct analysis on the one hand, and by means of comparing the phenomenon with its models and with eccentric compression (to which it is closely connected) on the other, the author comes to the following general definition: buckling is an example of instability or pseudo-instability of a straight rod compressed axially at a definite value of longitudinal force, called the critical force. The essence of a buckling phenomenon, models of a buckling phenomenon and also the relation of buckling to eccentric compression are described.

WIERZBICKI, W.

Polish Technical Abst.
No. 1 1954
Building Industry and
Architecture

2670

Wierzbicki W. Problems in the Theory of Stresses, Vibrations and
Bulges.

624.042

„Zadania z teorii naprężeń, wyboczenia i drgań”. Warszawa. 1953.
PWT, 160, 167 pp. 124 figs.

The book contains the following chapters: 1) Stresses (A. Normal stresses. B. Tangent stresses. C. Composite stress conditions). 2. Bulges. 3. Vibrations. Most of the problems in Chapter 1 are intended for the junior course of faculties connected with building (the so-called engineers' course); on the other hand, most of the problems in Chapters 2 and 3, are for the senior, or Bachelor, courses. In Chapter 2 and 3, a good deal of space is devoted to the approximate methods of determining critical forces and resonance-vibration frequencies. Only in this way has it been possible to increase the variety of problems concerning bulges, and the theory of vibrations, without exceeding the scope of a collection of problems and without reducing the calculations to purely numerical operations, performed by means of ready-made formulas.

Wierzbicki, Witold

POL.
O Powstawaniu Wyboczenia Prostów
Prostych (The Origin of Buckling of
Straight Bars). Witold Wierzbicki. Roz-
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60 pp. In Polish, with summaries in Eng-
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"The Central Technical Organization Realizes the Resolutions of the 9th Plenary Session," P. 41. (PRZEGLAD TECHNICZNY, Vol. 75, No. 2, Feb. 1954, Warszawa, Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 1, Jan. 1955 Uncl.

WIERZBIcki, Witold

Wierzbicki, Witold. The application of finite differences
in two-dimensional states of stress in structures. Roz-
prawy Inż. 1, no. 15, 48 pp. (1955). (Polish. Russian
and English summaries)

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✓ O GEOMETRYCZNYCH METODACH BADANIA
KONSTRUKCJI PRĘTOWYCH (GEOMETRICAL
METHODS OF INVESTIGATION OF LATTICE

2/ STRUCTURES). Witold Wierszbiński. Roczniki In-
żynierskie (Warsaw), No. 2, 1955, 62 pp. In Pol-
ish, with summaries in English and Russian. So-
lution of problems of structural mechanics based
on the principle of the parallelepiped of forces; ap-
plication of the Maxwell-Mohr equation for the dis-
placement of lattice joints and derived formal equa-
tion for a lattice to problems of solid systems; cal-
culation of the formula for the deflection of a cantilever
beam by means of secondary moments, taking into
account the influence of the variability of cross-
section on the statically indeterminate quantities;
and using an equation for geometrical addition of
deformations for frame computation. Also, the method
of finite differences used to obtain a solution of
the problem of a polygonal frame.

the problem of a polygonal frame

WIERZBIŃSKI, W.

Analysis of static computation methods of timber structures. p. 387

ROZPRAWY INŻYNIERSKIE vol. 3, no. 3, 1955

Poland

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 10 Oct. 1956

WILCZKOWSKI, W.

Dynamic problems in static calculations of structures. p. 555

ROZPRAWY INŻYNIERSKIE vol. 3, no. 4, 1955

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"The Safety of a Suspension Bridge Cable," Rozprawy Inzynierskie, Vol. 4, No. 1, Warsaw:
Polish Academy of Sciences, 1956.

WIERZBICKI, W.

The semiprobability method of investigating building safety in the light of the method of limit conditions. p. 160
(INZYNIERIA I BUDOWNICTWO, Vol. 13, No. 4, April 1956, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, 1957, Uncl. Sept.

WIERZBICKI, W.

WIERZBICKI, W. 10 years of the activities of the Central Technical Organization. p. 72.

Vol. 29, no. 2, 1956

MECHANIK

TECHNOLOGY

Warsawa, Poland

So: East European Accession, Vol. 6, no. 2, 1957

WIERZBIcki, Witold.

Wierzbicki, Witold. Probabilistic and semi-probabilistic method for the investigation of structure safety. Arch. Mech. Stos. 9 (1957), 685-694. (Polish and Russian summaries)

Probability of non-catastrophic failure of a structure is determined in terms of (a) probabilities of error due to simplified (i.e. non-accurate) calculations, (b) variations in elastic constants, (c) variations in material properties. No specific calculations are made.

J. Heyman (Cambridge, England)

MIT

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WIERZBICKI, W.

Allowable tangential stresses from the point of view of the semiprobabilist method of research on the safety of structure.

P. 355 (Inzynieria I Budownictwo. Vol. 14, no. 10, Oct. 1957, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

WIERZBICKI, W.

WIERZBICKI, W.

An attempt at the determination of allowable stresses on the basis of the semi-probabilistic method.

p. 301 (Inzynieria I Budownictwo) Vol. 14, No. 9, Sept. 1957, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) L,C, VOL. 7, NO. 1, JAN. 1958

14(10)

PHASE I BOOK EXPLOITATION

POL/2411

Wierzbicki, Witold

Zadania z teorii naprężeń, wyboczenia i drgań (Problem in the Theory of Tensile Stresses, Column Theory and Vibration) 2d ed. Warsaw, PWN, 1958. 167 p. 5,200 copies printed.

No additional contributors mentioned.

PURPOSE: The problems presented in this book are intended for students of advanced courses in structural engineering (construction mechanics) and for construction engineers.

COVERAGE: The book consists of 120 problems with solutions on stresses, column buckling and vibrations met in construction engineering. The book should be considered as a part of the same author's earlier publications: Mechanika budowli (Construction Mechanics) and Wstęp do dynamiki budowli (Introduction to Construction Dynamics, 1959). Problems 59 and 60 are based on solutions suggested by Professor Felix Jasinski and taken from his well-known book Badania nad sztywnością prętów ściskanych (Investigation of Rigidity of Com-

Card 1/ 12

Problem in the Theory of Tensile Stresses (Cont.) POL/2411

pressed Bars, Warsaw, 1895).

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2. Length at which the bar is broken	2
3. Bar subjected to longitudinal forces applied at various points	3
4. Bar composed of sectors of various cross sections under tensile stress	4

Card 2/12

WIERZBICKI, W.

"Application of statistical methods to technical problems"

Aplikace Matematiky. Praha, Czechoslovakia. Vol. 4, no. 2, 1959

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The semiprobabilistic method applied to the investigation of the
strength of reinforced-concrete structures. Bul Ac Pol tech 7
no.10:609-616 '59. (EEAI 9:7)

(Reinforced concrete)
(Strength of materials)
(Probabilities)

WIERZBICKI, Witold, (Warsaw)

Dynamical interpretation of the Ritz-Timoshenko method.
Archiw mech 12 no.4:523-529 '60.

1. Department of Mechanics of Continuous Media, Institute of
Basic Technical Problems, Polish Academy of Sciences, Warsaw.

WIERZBICKI, Witold, prof. dr h.c.

Possibility of applying the semiprobabilistic method to stability tests of supporting walls. Inz i bud 19 no.4:121-124 Ap '62.

WIERZBICKI, Witold, prof.

The Polish Society of Theoretical and Applied Mechanics.
Review Pol Academy 8 no.3:73-76 J1-S'63

1. Member of the Polish Academy of Sciences, President of
the Polish Society of Theoretical and Applied Mechanics,
Warsaw.

WIERZBIKI, Witold (Warszawa)

Experiment in probabilistic evaluation of the safety of steel bridges.
Rozpr inż. PAN 11 no.2:377-386 '63.

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Origin and development of the Polish Society of Theoretical and applied Mechanics. Nauka polska 11 no.3:139-144 My-Je '63.

1. Członek rzeczywisty Polskiej Akademii Nauk i Prezes Polskiego Towarzystwa Mechaniki Teoretycznej i Stosowanej, Warszawa.

WIERZBICKI, Witold, prof., dr dr h.c.

Safety of statically indeterminable reinforced concrete structures
as based on the theory of probability. Inz i bud 20 no.6:181-184
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"Development of Irrigation with Rain Water." p. 450, (GOSPODARKA WODNA,
Vol. 13, No. 12, Dec. 1953. Warszawa, Poland.)

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Vol. 3, No. 12, Dec. 1954, Uncl.

WIERZBICKI, Z.

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Division of Poland into heating zones in relation to climatic conditions, p. 9.
(GAZETA OBSERWATORA, P.I.H.M., Warszawa, Vol. 8, no. 1, Jan. 1955.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 2, Jan. 1955, Uncl.

WIERZLICKI, Z.

WIERZLICKI, Z. The period of 24 hours of even temperature above 90° F. in Poland
p. 6.

Vol. 8, No. 8, Aug. 1955.

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Rainfalls causing floods in Poland. p. 2. GAZETA OBSERWATORA.
Warszawa. Vol. 8, no. 5, May 1955.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

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SCIENCE
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WIERZBICKI, Z.

A period of below-0°C. daily temperature in Poland. p. 7. (Gazeta Obserwatora.
P.I.H.M., Vol. 10, No. 5, May 1957, Warsaw, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

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Protection of health of working crews. Fraca i zabezp spcl 4 no. 5:
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NIKLEWICZ-RODKIEWICZ, Jadwiga; WIERZBINSKA-ZAROWNY, Danuta; BEISTER,
Alicja; MISZCZANSKI, Tadeusz.

Physical exercises in early stages of rheumatic fever in
children. Reumatologia (Warsz.) 1 no.3-4:275-280 '63.

1. Z Wojewodzkiego Ośrodka Reumatologicznego w Sopocie
(Dyrektor: dr J. Titz-Kosko).

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WIERZBINSKI, STEFAN. Application of the Impersonal Micrometer to Observations of the Passage of Stars in the First Vertical to Determine the Latitude According to the Method of Struve. Poznanskie Towarzystwo przyjacio~~l~~ nauk, Bulletin. Serie B: science mathematiques et naturelles, 1946, no. 7, p. 3-27.

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WIERZBINSKI, STEFAN. Real orbit of A347-ADS9324, of Sigma 1883-ADS9392 and
of A606-ADS13169. Acta astronomica, Section C, 1951, v. 4, p. 149-158

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"The Calendar and Calendar Cycles." p. 175 (Problemy, Vol. 9, no. 3, 1953 Warszawa.)

Vol. 3, no. 6

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Prace. Seria B, nr. 74) (The definitive orbit of 1925 III (Reid).
In French. bibl., tables)

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An orbit of ADS 11761- Hu 767. In French. p. 196.
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An orbit corrected by ADS 10188-4 15. In French. p. 56.
(ACTA ASTRONOMICA. Vol. 7, no. 1, 1957. Warszawa, Poland)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
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Revision of the orbit of ADS 1865-A 2329. In French. p. 183

ACTA ASTRONOMICA. (Polska Akademia Nauk. Komitet Astronomii)
Warszawa. Vol. 8, no. 3, 1958
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3. "Observations of the Polarization of the Light of Comet Burton (1952), 2. Results," Journal of the Astronomical Society of Warsaw, Polish Academy of Science, English article and summary, pp. 28-51.
4. "Observations of the Polarization of the Light of Comet Burton (1952), 1. Results," Journal of the Astronomical Society of Warsaw, Polish Academy of Science, English article and summary, pp. 52-74.
5. "The 127 Mc/sec Radio Emission in the Year 1959," Journal of the Astronomical Society of Warsaw, Polish Academy of Science, English article and summary, pp. 75-83.
6. "The 127 Mc/sec Radio Emission in the Year 1959," Journal of the Astronomical Society of Warsaw, Polish Academy of Science, English article and summary, pp. 84-92.
7. "Orbit of the Comet 1959, 1. Results," Journal of the Astronomical Society of Warsaw, Polish Academy of Science, English article and summary, pp. 93-97.

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The corrected orbit of ADS 3475= β 883 AB. Acta astronom 11
no.3:195-198 '61.

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Galactic distribution of visual binaries. Acta astronom
11 no.4:205-215 '61.

1. Wroclaw, Observatoire.

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Orbit of ADS 3210 = β 1185. Acta astronom 12 no.1:90-92 '62.

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STASIK, Mirosław; WIERZBOWSKA, Alina

A case of paroxysmal nocturnal hemoglobinuria. Pol. arch. med. wewn. 35 no.4:577-580 '65.

1. Z Działu Klinicznego Instytutu Medycyny Pracy w Łodzi (Kierownik: dr. med. E. Kieć) i z Zakładu Diagnostyki Laboratoryjnej przy III Katedrze Chorob Wewnętrznych AM w Łodzi (Kierownik: doc. dr. med. A. Wierzbowska).

WIERZBOWSKA, Alina

LIPINSKA, Hanna (Lodz, Narutowicza 79c/6); WIERZBOWSKA, Alina (Lodz, Swierczewskiego 4a)

Aplastic anemia. Polskie arch. med. wewnetrz. 23 no.5:659-672 1953.

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Kierownik: prof. dr med. Wacław Markert.
(ANEMIA, APLASTIC,)
*

WIERZBOWSKA, Alina; DZINCIOLOWSKI, Zygmunt

Case of agranulocytosis successfully treated with pentose nucleotide.
Polski tygod. lek. 9 no.38:1230-1233 20 Sept 54.

1. Z I Kliniki Chorob Wewnętrznych A.M. w Łodzi, kierownik: prof.
dr J.W.Grott i Pracowni Hematologicznej Szpitala im. Barlickiego w
Łodzi, kierownik: dr med. A.Wierszowska.

(AGRANULOCYTOSIS, therapy,
pentose nucleotide)

(NUCLEIC ACIDS,
pentose nucleotide in agranulocytosis)

Wtorek 1955
BIBERGAL, Stanislaw; BOROWICZ, Krystyna; WIERZBOWSKA, Alina

Granuloma fungoides as a disease of the reticuloendothelial system.
Polski tygod.lek. 10 no.23:757-761 6 Je '55.

1. Ze Szpitala Chorob Skornych im.Sonnenberga; ordynator: dr.S.
Bibergal; z Zakladu Anatomii Patologicznej A.M. w Lodzi; kierownik:
prof. dr med. A Pruszczyński i z Pracowni Hematologicznej Panstw.
Spitzla Klinicznego im. N. Barlickiego; kierownik: dr. med. A.
Wierzbowska) Lodz, Tramwojowa 15

(MYCOSIS, FUNGOIDES, pathology
RE system)

(RETICULOENDOTHELIAL SYSTEM, pathology
in mycosis fungoides)

WIERZBOWSKA, A.

POLAND/Safety Engineering - Sanitary Engineering. Sanitation. L.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 7010

Author : Byczkowska, Z., Wierzbowska, A.

Inst :

Title : Bone Marrow Disorder as a Sequela of Occupational Poisoning with Lead Compounds.

Orig Pub : Med. pracy, 1955, 6, No 4, 243-248

Abst : Description of a rare case of fatal poisoning with Pb, involving total impairment of bone marrow, in a 17 year old painter who worked in a building with paints containing Pb. Ancillary investigations revealed damage to erythro-, leuco- and thromboclastic system. Porphyrinuria and increased excretion of Pb with the urine in combination with blue line on the gums confirmed the diagnosis of Pb-intoxication. It is assumed that severe disruptions of organic functions were caused by individual, increased sensitivity to Pb.

Card 1/1

LISIECKA-ADAMSKA, Halina; SZENDZIKOWSKI, Stefan; WIERZBOWSKA, Alina.

A case of diffuse cancer of the stomach presenting as thrombotic thrombocytopenic purpura in a patient with diabetes. Polski tygod. lek. 13 no.28:1086-1089 14 July 58.

1. Z I Kliniki Chor. Wewn. Am M. w Lodzi; kierownik: prof. dr med. J. W. Grott i z Zakladu Anatomii Patolog. A. M. w Lodzi; kierownik: prof. dr A. Pruszczycki i z Laboratorium Szpit. Klin. Nr 1 A. M. w Lodzi; kier.; dr A. Wierzbowska. I Klinika Chorob Wewnetrznych, Lodz, ul. Kopcińskiego 22.

(STOMACH NEOPLASMS, manifest
thrombotic thrombopenic purpura in diabetic (Pol))
(DIABETES MELLITUS, case reports
with diffuse cancer of stomach & thrombotic thrombopenic
purpura (Pol))
(PURPURA, THROMBOGENIC, case reports
thrombotic, with diabetes mellitus & diffuse cancer of
stomach (Pol))

SIADKI, Edward; WIERZBOWSKA, Alina; SCHULTZE, Herman E.

A case of dyspragia cryoglobulinaemica abdominalis intermittens
in the course of the so-called spontaneous cryoglobulinemia. Polskie
arch. med. wewn. 29 no.9:1271-1280 1959.

1. Z I Kliniki Chor. Wewn. A.M. L. Kierownik: prof. dr nauk med.
J. W. Grott Z Pracowni Klin. Sap. Kl. Nr 1 A. M.L. Kierownik:
dr. A. Wierzbowska Z Zakladow Boehringer-Mahrburg Lahn, M. R. F.
Kierownik naukowy prof. dr med. H. E. Schultze.
(SERUM GLOBULIN)

POLAND

Alina WIERZBOWSKA (Affiliation not given)

"Current Problems and Conditions of Methods in Clinical Analysis."

Warsaw, Pharmacia Polska, Vol 18, No 19, 10 Oct 1962; pp 469-471.

Abstract: Morphologic and cytologic tests including use of fluorescent stains; biochemical and enzymatic techniques; aldolase in viral hepatitis; transaminases; lactic dehydrogenase. Electrophoretic and chromatographic tests; isotope methods; immunologic and serologic approaches; microbiologic studies; need for interdisciplinary team approach.

1/1

WIERZBOWSKA, Alina; CHMIRLEWSKA, Ida [deceased]; BOROWSKA-KUZMICKA, Jadwiga

On difficulties in selecting a drug in some forms of myelocytic leukemia. Pol. med. wewnet. 32 no.7:721-722 '62.

1. Z III Kliniki Chorob Wewnętrznych AM w Łodzi Kierownik: prof. dr med. W. Markert Z Laboratorium Szpitala im. N. Barlickiego w Łodzi Kierownik: doc. dr med. A. Wierzbowska.

(LEUKEMIA MYELOCYTIC) (ANTINEOPLASTIC AGENTS)

HAAS, Regina; WIERZBOWSKA, Anna

Chronic lymphatic leukemia and multiple myeloma. Pol. arch. med. wewn. 34 no.5:627-629 '64

1. Z III Kliniki Chorob Wewnętrznych Akademii Medycznej w Łodzi (Kierownik: prof. dr. med. W. Markert) i z Zakładu Analizy Lekarskiej przy III Katedrze Chorob Wewnętrznych Akademii Medycznej w Łodzi (Kierownik: doc. dr. med. A. Wierzbowska).

WIERZBOWSKA, L.

POLAND/Chemical Technology - Chemical Products and Their
Application, Part 4, - Dyeing and Chemical
Treatment of Textile Materials.

H-34

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 49102
Author : L. Wierzbowska
Inst : Institute of Fiber Industry
Title : Aseptic Impregnation of Technical Products.
Orig Pub : Przen. Wlokienniczy, 1956, 10, No 4, Biul. Inst. Wlokien-
nictwa, 8.
Abstract : Laboratory and industrial experiments of impregnating
flax and ramie shoemaker's thread, sweet-water cotton
nets, cables and tape of viscose fiber, as well as fire
engine hoses with Cu naphthenate (I) and salicylanilide
(II) are described. Mixtures of NH_4 naphthenate and
 CuSO_4 ammonium (III) solutions, of II ammonium solution

Card 1/2

POLAND/Chemical Technology - Chemical Products and Their
Application, Part 4. - Dyeing and Chemical
Treatment of Textile Materials.

H-34

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 49102

with and without the addition of III were used also by
the one-bath method. The best results were received
with I.

Card 2/2

17

WIERZBOWSKA, Maria [deceased]; MORAWSKA, Zuzanna; PUZIEWICZOWA, Izabela

Effect of adrenal cortex hormones on the level of lipids in the blood serum of children with rheumatic fever. Pol. tyg. lek. 20 no.19:671-674 10 My '65.

1. Z II Kliniki Pediatrycznej AM we Wroclawiu (Kierownik: prof. dr. Maria Wierzbowska [deceased]).

WIERZBOWSKA, M.

KLINOWSKA, W.; WIERZBOWSKA, M.

Epidemic diarrheas in newborns. *Pediat. polska* 26 no. 10:1093-1115 Oct. 1951.
(CJML 21:3)

1. Of the Newborn Infants Department (Head--Prof. M. Wierzbowska, M. D.) of the Obstetrical Clinic (Head--Prof. S. Krzysztoporski, M. D.) and of the First Pediatric Clinic (Head--Prof. H. Hirsfeldowa, M. D.), both of Wroclaw Medical Academy.

WIERZBOWSKA, Maria

So-called increased reactions following BCG vaccination.
Pediat. polska 31 no.6:615-625 June 56.

1. Z Konsultacyjnej Stacji Szczepien BCG, Centralnej Wojewodzkiej
Poradni Przeciwgruzliczej we Wroclawiu Kierownik: prof. dr. med.
M. Wierzbowska, Wroclaw, ul. Marcinkowskiego 8 m. 2.
(BCG VACCINATION, complications,
(Pol))

WIERZBOWSKA, M.

HIRSZFELDOWA, H.; WIERZBOWSKA, M.; BOHDANOWICZ, E.

Fate of children from pregnancies with blood group incompatibility.
Pediat. polska 28 no.9:924-927 Sept 1953. (CJML 25:5)

1. Of the First Pediatric Clinic (Head--Prof. H. Hirszfellowa, M.D.)
and of the Newborn Department of the Obstetric Clinic (Head of the Department--Prof. M. Wierzbowska, M.D.) and of the Institute of Microbiology
(Head--Prof. L. Hirszfellow, M.D.), Wroclaw Medical Academy.

MISIEWICZ, Janina i współpracownicy: BATYCKI, W.; BURACZEWSKI, O.; GACKOWSKI, J.;
GURTAT, B.; KOBIERSKA, H.; KOZAKOW, H.; KRZYSZKOWSKA, A.; KURYLOWICZ, W.;
KUZNIECOW, A.; MULLER, H.; RAFINSKI, T.; ROMANOWSKA, I.; SITEK, K.;
STOPNICKA, M.; SZCZEPANAKI, W.; SZUSTROWA, J.; WIERZBOWSKA, M.;
WIKTOROWICZ, J.

Early results of vaccination against tuberculosis with vaccines prepared
from four different BCG strains. I. Gruzlica 25 no.3:243-250 Mar 57.

1. Z Instytutu Gruzlicy w Warszawie Dyrektor: prof. dr J. Misiewicz.
Adres: Warszawa, ul Plocka 26.

(BCG VACCINATION, statist.
comparison of 4 strains (Pol))

HIRSZFELDOWA, Hanna, WIERZBOWSKA, Maria

Prof. Dr. Med. Marta Erlich. Pediat.polska 33 no.3:257 Mar 58

(BIOGRAPHIES,

Erlich, Marta, bibliog. (Pol))

EXCERPTA MEDICA Sec 7 Vol 13/7 Pediatrics July 59

1564. NEPHROSIS IN CHILDREN - Nerczyca u dzieci - Wierzbowska M.
II. Klin. Pediat. A.M., Wrocław - WIAD. LEK, 1958, 11/11-12 (507-515)
Graphs 2

The article gives a survey of the recent views on the pathogenesis of nephrosis as well as the clinical picture and treatment.
Gerkowicz - Lublin

WIERZBOWSKA, Maria

Cardiac murmurs during the course of viral diseases. *Pediat. polska*
34 no.7:903-910 July 59.

1. Z II Kliniki Pediatricznej A. M. we Wrocławiu Kierownik: prof.
dr M. Wierzbowska
(HEART SOUNDS) (VIRUS DISEASES, diag.)

WIERZEWSKA, Maria
Surnames (in caps); Given Names

Country: Poland

Academic Degrees: Prof. dr. med.

Affiliation: Director of Vaccination Station, Województwo Antitubercu-
losis Consulting Unit (Stacja Szczepień Wojewódzkiej
Poradni Przeciwgruzliczej), Wrocław.

Source: Warsaw, Pediatra Polska, No 8, Aug 60, pp 863-870.

Data: "Further Observations Concerning so-called Complications
Following ECG Vaccination."

Co-author:

- BORDANOWICZ, Lwa, Vaccination Station, Województwo Antituber-
culosis Consulting Unit, Wrocław; Director: Maria
WIERZEWSKA, Prof. dr. med.

WIERZBOWSKA, Maria; PUZIEWICZOWA, Izabela

Protein disorders in lipoid nephrosis. Pol. tyg. lek. 17 no.10:349-353
5 Mr '62.

1. Z II Kliniki Pediatricznej AM we Wroclawiu; kierownik: prof. dr
Maria Wierzbowska.

(BLOOD PROTEINS) (NEPHROTIC SYNDROME blood)

WIERZBOWSKA, Maria; PUZIO, Izabella

Lipids in lipid nephrosis. I. Blood serum changes. Pol. tyg.
lek. 19 no.39:1479-1482 28 5 '64

1. Z Kliniki Pediatricznej Akademii Medycznej we Wrocławiu;
(Kierownik: prof. dr. M. Wierzbowska).

WIERZBOWSKA, Maria, prof. dr. [deceased]; MORAWSKA, Zuzanna

Diabetes in a child with lipoid nephrosis. Wiad. lek. 18 no.6:
535-537 15 Mr'65.

1. Z II Kliniki Dziecięcej Akademii Medycznej we Wrocławiu
(Kierownik: prof. dr. M. Wierzbowska [deceased]).

LUCZAK, J.; WIERZBOWSKA, T.

Analysis of the likelihood of material in relation to the length
of a series in the sweep method. Bul Ac Pol biol 7 no.8:313-318
'59. (KRAI 9:6)

1. Laboratory of Ecology, Polish Academy of Sciences. Presented by
K. Petruszewicz.
(Poland— Spiders)

ANDRZEJEWSKI, R.; WIERZBOWSKA, T.

On the degree of residency and migrancy in populations of small rodents.
Bul Ac Pol biol 8 no.7:293-296 '60. (EEAI 10:4)

1. Institute of Ecology, Polish Academy of Sciences. Presented by
K.Petrusewicz.
(RODENTIA)
(ECOLOGY)

GARBOWSKA, Jadwiga; WIERZEWSKI, Andrzej

Upper Cretaceous foraminifera of the Skape region in the western
borderland of the Lodz Trough. Acta geol Pol 15 no.1:99-104 '64.

1. Department of Stratigraphy and Laboratory of Micropalaeontology
of the Institute of Geologic Sciences of the Polish Academy of
Sciences, Warsaw. Submitted February 1964.

Country	: Poland	H-28
Category	: Chemical Technology. Chemical Products and Their Applications. Food Industry.	
Abs. Jour.	: R. Zh. - Khim., No 11, 1959	40439
Author	: Janicki, J. and Wierzbowski, J.	
Institut.	: Not given	
Title	: Method for Determining Catalase Activity in Grain and Grain Products	
Orig Pub.	: Przegląd Zboż-Młynarski, 2, No 9, (1958); Biul Inform Inst Zboż Warszawie, 2, No 4, 5-6 (1958)	
Abstract	<p>The authors describe a method for measuring catalase activity based on the determination of the difference in the amount of O_2 (in ml) released from two specimens, the test specimen and the control, after the addition of 5 ml of 3% H_2O_2 to each. The specimens consist of suspensions of 1 gm product in distilled water; 2 ml of 0.01 N $AgNO_3$ is added to the control for the inactivation of the catalase.</p> <p style="text-align: right;">Z. Fabinskiy</p>	

Card: 1/1

JANICKI, Joseph, prof. (Poznan); SOBKOWSKA, E. (Poznan); WIERZBOWSKI, J. (Poznan)

Ultraviolet rays:germicidal effect, disinfection of air, fruits,
granular materials, etc. Acta chimica Hung 23 no.1/4:483-501 '60.
(KEAI 10:9)

1. Department of Agricultural Technology, College of Agriculture,
Poznan, Poland.

(Ultraviolet rays) (Molds(Botany)) (Air) (Fruit)
(Granular substances) (Polymers and polymerization)
(Yeast) (Bacteria)

ROGALINSKI, Kamil; MILER, Zygmunt; WIERZBOWSKI, Jerzy

Skillfulness and disposition of the forest worker as affecting the labor productivity in pine tree felling with the Partner R-11 individual saw. Roczniki wyz szkola rol Poznan 14 295-313 '63.

1. Department of Forest Utilization, College of Agriculture, Poznan.

WIERZBOWSKI, M.

"Work and role of Polish industrial planning offices in the reconstruction of electric equipment in industrial enterprises." p. 289

VILLAMOSSAG. (Magyar Elektrotechnikai Egyesulet) Budapest, Hungary
Vol. 6, No. 8/9, Aug./Sept. 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

WIERZBOWSKI, Stefan (Krakow)

The role of the sight, smell, and hearing senses in the copulation
mechanism of stallions. Rocznik nauki rolniczej 70 no. 1/4: 385-387 '60.
(EEAI 10:9)

(Stallions) (Sense organs)

BIELANSKI, Wladyslaw, prof. dr.; WIERZBOWSKI, Stefan

Attempts in determining the daily sperm production in rams on the basis of the so-called depletion tests performed at varying intervals. Zeszyty problemowe post nauk roln no.31:51-54 '61.

1. Katedra Zoohigieny, Wyzsza Szkola Rolnicza, Krakow oraz Pracownia Fizjologii Rozrodu, Instytut Zootechniki, Krakow. Kierownik: prof. dr. W. Bielanski.

POLAND

WIERZBOWSKI, Stefan, Research Office for the Physiology of Reproduction and Artificial Insemination of Animals (Zaklad Fizjologii Rozrodu i Sztucznego Unasielenia Zwierzat), Zootechnical Institute (Instytut Zootechniki) in Krakow (Director: Prof. Dr. Wladyslaw BIELANSKI)

"Joint Lesions as the Direct Cause of Inability to Mate in a Boar."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 18, No 9, Sep 62, pp 542-544.

Abstract: Boar impotence as a result of lesions of the joints has been described in Sweden, and confirmed on animals imported to Poland. The author describes the findings of such an investigated case in detail. He points to the importance of bone examination of imported animals, and the significance of this problem both for animal breeding and for medicine. Three references, one Swedish, one English, and one Polish.

WIERZCHOVSKI, J.

On the use of nitrite ice to prolong the keeping quality of fish. Cesk. hyg. 10 no.3:169-171 Mr '65.

1. Katedra bromatologie Lekarske akademie, Gdansk.

WIERZCHOWSKA, D.; CZAPLICKI, S.

Usefulness of the Macruz index in the diagnosis of mitral stenosis. Kardiologia Pol. 8 no.1:43-45 '65

1. Z Kliniki Chirurgicznej Instytutu Gruźlicy w Warszawie (Kierownik: prof. dr. L. Manteuffel) i z Pracowni Ekg Przychodni Specjalistycznej nr. 965 w Warszawie (Kierownik: dr. S. Czaplicki).

SULMA, Tadeusz; WIERZCHOWSKA, Krystyna

Studies on the content of coumarin in the herbs of the woodruff
(Herba Asperulae odoratae) throughout the vegetative period of
the plant. Acta pol. pharm. 20 no.1:77-82 '63.

1. Z Katedra Botaniki Farmaceutycznej Akademii Medycznej w Gdansk
Kierownik: prof. dr T. Sulma.

(HERBS) (COUMARINS) (CHEMISTRY, ANALYTICAL)
(CHEMISTRY, PHARMACEUTICAL)

MACZKA-PATKANIOWSKA, Zofia; WIERZCHOWSKA, Kornelia

Problem of prolapse of gastric mucosa into the duodenum.
Polski przegl. chir. 28 no.4:379-384 Apr 56.

1. Ze Szpitala im. G. Narutowicza w Krakowie z Oddzialu
Chorob Wewnetrznych Ordynator: prof. dr. Siedlecki i z
Oddzialu Radiologicznego Kierownik: dr. Z. Maczka-Patkaniowska
Krakow, ul. Pradnicka 37.
(STOMACH, diseases,
mucosal prolapse (Pol))

WIERZCHOWA, Z.

POLON

V1035. TECTONIC EARTHQUAKES IN SILESIA AND THEIR RELATIONSHIP TO ROCK
BURSTS IN MINES. Wierzbowski, Z. (Prace geol. i in. Roz., Jan. 1953,
vol. 11, 29-32). (LH)

DC

gan

WIERZCHOWSKA, Z.

3869

550.34 : 622.631.32

Wierzchowska Z. Tectonic Earthquakes in Silesia and their Relation to Rockbursts in Mines.

"Tektoniczne trzęsienia ziemi na Śląsku i ich związek z łapaniem w kopalniach". Przegląd Górniczy, No. 1, 1955, pp. 29-31, 2 figs.

Investigation by the Chief Institute of Mining, which controls several seismographical stations, have revealed that there is a great frequency of local tremors in Upper Silesia. The epicentres of these tremors are, as determined by K. Janczewski's method, located several kilometres deep and occur in the western part of the coal-basin in the vicinity of the Michałowice-Orłowa tectonical distortions. These earthquakes contribute to the occurrence of rockbursts in collieries by upsetting the delicate equilibrium of the undermined terrain. GP

WIERZCHOWSKA, Zofia, mgr inż.

Foreign methods of seismic bump testing. Przegl gorn 20
no.9:458-463 S '64.